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22 April 1954

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MEMORANDUM FOR: THE RECORD

SUBJECT: Project Monitor at [redacted]
 under P-115, Transistorized Receivers and Transmitters and P-101, Infrared Communication System

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1. Time and Place of Meeting: The meeting was held 13 April at the [redacted]

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2. Attendance: [redacted]

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3. Discussion:

a. Progress During March:

The initial report on P-115 which was to outline the planned work on the project from [redacted] viewpoint was not ready for the meeting. Previous deadlines for this report of 1 March and 22 March were not met. Essentially nothing has been accomplished on the project since our last meeting early in March.

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b. Results of Meeting:

The main objective of the APD representatives was to have [redacted] run through the various phases of the project giving the names of the persons working on the project, the number of man months per month, the termination dates of the phases. The following chart is the result. Confirmation of these results will be given in the first report now due to be in the mail by 30 April.

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P-115 Work Schedule

April, '54

June

July

August

2 man months

3 man months

4 man months

5 man months

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~~CONFIDENTIAL~~P-115 Work Schedule (Con'd.)

<u>September</u>	<u>October</u>	<u>November</u>	<u>December thru May, '55</u>
7 man months	8 man months	10 man months	10 man months (previous 10)

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<u>June and July '55</u>	<u>September</u>	<u>October, Nov., Dec. '55</u>
9 man months	8 man months	7 man months

* Request for clearance filed
 ** Cleared

Alternates:

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Technical Program Schedule

Report Dates: First report 30 April 1954.
 One report each following month.

End of Phase I: 1 November 1954
 End of Phase II: (To be included in 30 April report)
 End of Phase III: 28 December 1955

The asterisks indicate the present clearance situation. [] was requested to file PSQ's for the remaining unrequested personnel. It should be noted here that the project engineer on this project, [] came on duty as a new employee at [] 12 April 1954.

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4. Discussion on P-101:

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a. Progress During March:

A description of the work completed during March is given in the [] report of 7 April. In brief, investigation of sources and sensitive elements is continuing. Work is being started on mechanical modulation methods. Two alternators for power sources have been ordered to go with the model airplane gasoline engines already received. Consideration is being made of a method of non-linear speech transmission which would simplify the construction of mechanical modulation schemes. Beamwidth studies are being initiated in the recently completed darkroom.

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Similarly to P-115 the overall project was received and the persons to be used on the work as a function of time were listed. Dates were set as goals for the ends of the various phases. [] was warned that the funds allocated to P-101 are two year funds which will expire 30 April 1955 as far as their work is concerned.

[] again complained that [], project engineer on P-101, had not been cleared. It was pointed out that his clearance was probable in the near future and that they should supply a substitute until that time. [] clearance was received 14 April 1954 and [] was notified by telephone).

The chart below indicates the results of the organizational part of the meeting.

P-101 Work Schedule

<u>June 29, '53</u>	<u>Dec. 1, '53</u>	<u>January, '54</u>	<u>Feb., '54</u>
Contractual Start of Work	Actual Start of Work	(Same four)	(Same four)
[]	[]	1 man month	1½ man month
1/2 man month (June 29 to Dec. 1, '53)	1 man month		
<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>
4 men 2½ man month	Previous 4 and	(Previous 6)	Previous 6. Plus:
	[]	3½ man month	[]
	2 man month		5 man month
<u>July</u>	<u>August</u>	<u>Sept. thru May, '55</u>	
Previous 6. Plus:	8 previous	5.3 man month	
[]	6.8 man month		
6½ man month			

* Clearance requested
 ** Clearance granted

Alternates: []

Additional detailing, drafting and model shop time not shown.

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Technical Program Schedule

Reports due monthly on 1st of month.

End of Phase I (Study): 31 July 1954

End of Phase IIa: To be included in next monthly report.

End of Phase IIb: To be included in next monthly report.

5. Actions:

a.

(1) [] will complete and mail the first report on P-115 by 30 April 1954. This report will contain a detailed plan of the work as understood by [] plus a review of this meeting.

(2) [] will complete a report on P-101 for April by 1 May 1954. This report will contain a summary of the month's work including the results of the beam width studies and a review of this meeting.

(3) [] will file PSQ's for the remainder of personnel to be used on P-101 and P-115 as soon as possible.

b. APD:

(1) APD will insure that [] clearance requests are expedited.

TSS/APD

Distribution:

✓ Orig. - P-101

1 - P-115

1 - AST

1 - Chrono

AST/br